

13. 14. 15.

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

(503) 906-9200 (541) 383-9310

(425) 420-9200

FAX 420-9210 24-9290

(509) 924-9200

FAX 906-9210 FAX 382-7588

# **CHAIN OF CUSTODY REPORT**

Work Order #: M106052

CLIENT: BRISTOT				INVOICE TO:							TURNAROUND REQUEST in Business Days*							
REPORT TO: ANNE KRAMAWETTER				BRISTOL							Organic & Inorganic Analyses							
ADDRESS: AMCHITKA ISLAND, AK												10 7 5 4 3 2 1 < 1						
				175	PO N	IIIMBE	R. 2	109	$\cap$						STD.		Im Hydrocarbon Analyses  3 2 1	<1
PHONE: 907. 770 PROJECT NAME: AM	HITKA				11.011				ALYSES						STA	D.	Please Specify	_
PROJECT NUMBER: 2 \	90										1, 1, 1					ОТН		
SAMPLED BY:		Street													*Turnare	ound Requests	less than standard may incur Rust	Charges.
CLIENT SAMPLE	SAMPLING	701													MATRIX	# OF		NCA WO
IDENTIFICATION	DATE/TIME	+													(W, S, O)	CONT.	COMMENTS	ID
1. 0 AM CZZOISL	6/16/61 1700	X													5,			
2.																		
3.														8				
4.													*			, .		
5.		,																
6.				-	, ,													
7																		
0										-								
8.																		
9.			-							<u>, , , , , , , , , , , , , , , , , , , </u>								
10.																		
11.											-			-				
12.										1		-						
13.			, .															
14.					.:			5", "										
15.												^						
RELINQUISHED BY: Come Kranworth DATE:								RECEI	VED BY	Co	403	woll	e	Λο	DATE: 6/16/0 TIME: F-58			re:6/16/0
	Chawett FIRM:	SKI	210	1_		171	8				10	and	BV	alle	FIRM:	NCH		1E: F <del>158</del>
RELINQUISHED BY: PRINT NAME:	FIRM:				DATE: TIME:				VED BY NAME:						FIRM:		DA	
ADDITIONAL REMARKS:	FIRM:				TIME:			FKINI	NAIVIE:						FIKM:		TIM	
COC REV 3/99																	TEMP:	GE OF



425.420.9200 fax 425.420.9210

**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290 **Portland** 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter Bristol Environmental & Engineering 2000 W International Airport C#1 Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/16/01 17:58. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson

**Environmental Group Leader** 

112

Work Orders included in this report:

M106052



425.420.9200 fax 425.420.9210

**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering 2000 W International Airport C#1

Project: Amchitka Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

06/19/01 12:38

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC2201SL	M106052-01	Soil	06/16/01 17:00	06/16/01 17:58

C.O.C.#91

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

**Portland** 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

**Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering Project: Amchitka 2000 W International Airport C#1 Project Number: 21090

Reported:

Anchorage, AK 99502-1116 Project Manager: Anne Kranawetter

## 06/19/01 12:38

# Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	n Method	Prepared	Analyzed	Batch	Notes
01AMC2201SL (M106052-01) Soil					Sampled: 06/	/16/01 Rece	eived: 06/16/	01	
<b>Gasoline Range Hydrocarbons</b>	14.1	9.95	mg/kg	1	NWTPH HCII	D 06/17/01	06/18/01	0106060	
Diesel Range Hydrocarbons	876	24.9	"	"	"	"	"	"	
<b>Heavy Oil Range Hydrocarbons</b>	211	49.8	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	111 %	50-150							

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290 **Portland** 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering 2000 W International Airport C#1

Project: Amchitka
Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

06/19/01 12:38

### Hydrocarbon Identification per NW-TPH Methodology - Quality Control

### North Creek Analytical - Mobile Lab

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch 0106060 - TPH-HCID (WA)

Blank (0106060-BLK1)				Prepared: 06	/17/01 Analyzed: 06/18/01	
Gasoline Range Hydrocarbons	ND	10.0	mg/kg			
Diesel Range Hydrocarbons	ND	25.0	"			
Heavy Oil Range Hydrocarbons	ND	50.0	"			
Surr: 1-Chlorooctadecane	10.5		"	10.0	105 50-150	

North Creek Analytical - Mobile Lab



425.420.9200 fax 425.420.9210

**Spokane** East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210 **Bend** 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering 2000 W International Airport C#1

Project: Amchitka Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

06/19/01 12:38

#### **Notes and Definitions**

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

# **Items for Project Manager Review**

LabNumber	Analysis	Analyte	Exception
			Report recreated from:
			\\sisters\elmnt\Report\M106052 FINAL 06 19 01
			1238.mdb
			Default Report (not modified)